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[3130].$**39.95**[563]. 3 ± 1 [2026]. $4n - 6$ [1224]. 4 ± 2 [2054]. $>$ [2562]. $^{+}$ [92]. $^{-}$ [1131]. ^{1} [1504]. ^{15} [1594]. $^{2+}$ [1023, 3111, 1540]. ^{6} [1158]. ^{9} [1158]. ^{vp} [2587]. $_{1}$ [1818, 2235, 2415, 2105, 1250]. $_{2}$ [3008, 3415, 875]. $_{2\alpha}$ [1828]. $_{3}$ [2193, 3008, 3027]. $_{50}$ [1910]. $_{\text{OXA}}$ [3271]. $_{\text{P1}}$ [3384]. $_{\text{TEM}}$ [3271]. $_{x}$ [3008]. α [784, 2373, 1816, 2040, 767, 116, 2302, 3293, 2391, 1729]. β [1995, 2904, 2919, 2993, 3050, 1993, 291, 2340, 2259, 1769, 2729, 1211, 1806, 1388, 3122, 2079, 2608, 594, 1185, 249, 2812, 1021, 1317]. $\beta 1$ [2261, 2261]. G_4 [2551]. γ [1851]. κ [1816]. l [3216]. $n - 3$ [934, 1117, 1241, 994, 1454, 1524]. ω [67]. $\Omega 3$ [46]. p [2487]. $\times$ [1750, 1635, 574, 551, 2616, 2287, 3276, 2993, 1921, 2721, 2724, 1188, 2782, 2376, 852, 1636, 3215, 2735, 3175, 1453, 585, 3149, 1508, 3406, 1097, 3011, 2473, 1631, 1732, 2955, 1155, 246, 1751, 3024, 3026, 1404, 2082, 2815, 2668, 3411, 2027, 2278, 2896, 1561].

-1 [2993, 3050, 1993, 2340, 1806, 1185, 1021]. **-3** [67]. **-ATPase** [134]. **-carnitine** [3216]. **-carotene** [2079]. **-Carotene-enriched** [1995]. **-coumaric** [2487]. **-estradiol** [291, 1211]. **-farmed** [2620]. **-gal** [249]. **-glucan** [2904, 2259, 2729, 1388]. **-glucan-enriched** [3122]. **-glucans** [1769]. **-hydroxy-** [594]. **-induced** [1250]. **-infected** [2099]. **-K** [134, 92]. **-ketoglutarate** [2040]. **-lipoic** [2302]. **-mannanase** [2608]. **-methyl** [3293]. **-methylbutyrate** [594]. **-sensitized** [2288]. **-tocopherol** [784, 767, 116]. **-tocopheryl** [767].

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0 [1008, 1975]. **0-632-06406-4** [554]. **0-643-06865-1** [565]. **0-85199-596-9** [553]. **0-85238-276-6** [564]. **0-group** [40]. **0D** [997].

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5 [1374]. **5-HT** [1374]. **5.8S** [895]. **53** [2366]. **53-kDa** [2366]. **5M** [1975].

6 [1592]. **6-glucan** [2340]. **6-glucans** [1993]. **6633** [2037]. **6w** [165]. **6w-3** [165].

8 [2826, 926, 3155]. **8-cineole** [2323].

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A. [1826, 700, 957, 1283]. **aad** [3271]. **Aarset** [708]. **Abalone** [514, 2029, 1085, 1673, 2335, 2761, 792, 1670, 370, 1813, 1701, 1115, 459, 1589, 2628, 3314, 2858, 1681, 2236, 2413, 1131, 896, 3070, 710, 1034, 1504, 185, 1367, 2482, 2668, 1875, 1871, 1327, 851, 1545]. **abalones** [1172]. **abce1** [2539]. **abdominalis** [544, 556]. **abilities** [1680]. **ability** [1218, 2287, 1860, 1083, 2625, 2740, 355, 2751, 2546]. **abiotic** [3359, 1498]. **Abnormal** [104, 2793, 2564]. **Abnormalities** [519, 3276, 3275, 1642, 1651]. **Abramis** [489, 585]. **abrogate** [1639]. **absorption** [712, 773, 2082]. **Abundance** [2916, 271, 3044, 957]. **acai** [2552, 2714, 2106]. **Acanthocephala** [2600]. **Acanthopagrus** [2948, 3155, 2179]. **Acanthus** [2681]. **Acartia** [1240, 1310, 1472, 1624, 1771, 1632]. **accelerate** [1489]. **acceleration** [1544]. **Acceptance** [3088, 3238, 1571, 2883]. **access** [299]. **acclimated** [1118]. **Acclimation** [3071, 1635, 1315, 1794]. **according** [1037]. **accretion** [2651]. **Accumulation** [1120, 3361, 3407, 1913, 1784, 1629, 2751, 1035, 3079, 3189, 2094]. **accuracy** [3000]. **accurately** [3133]. **acei** [3069, 1077]. **acetate** [1356, 767, 2179]. **acetic** [2245]. **acetylcholinesterase** [2035]. **acetylcysteine** [3357]. **Acheta** [3242]. **achieve** [3246]. **achievement** [1407]. **achieving** [2513]. **Acid** [250, 2902, 671, 2164, 1907, 562, 2487, 2756, 1255, 1696, 1621, 2396, 1750, 1098, 2062, 3354, 1133, 3039, 444, 2909, 1121, 2193, 2911, 2831, 910, 1353, 266, 2765, 2651, 784, 2121, 899, 2995, 1173, 3333, 2923, 2839, 1860, 1028, 1784, 1813, 1141, 1188, 2007, 1109, 1841, 1552, 912, 994, 915, 1311, 821, 1643, 1014, 1224, 1263, 2732, 2531, 1803, 2148, 37, 2101, 2941, 1684, 2319, 1147, 3242, 2472, 428, 501, 2175, 165, 983, 2948, 767, 1886, 3154, 1773, 982, 373, 2955, 634, 464, 1767, 2694, 2877, 17, 1096, 1751, 1432, 331, 1296, 620, 2179, 1163]. **acid** [900, 2419, 202, 3127, 1505, 2609, 2302, 2570, 1653, 959, 1348, 930, 1316, 2389, 204, 2305, 1694, 164, 3411, 1029, 1662, 432, 914, 2085, 1425, 1106, 1581, 2245, 1405, 2163, 2823, 3188, 425, 1545]. **acid-binding** [2101]. **acid-fermented** [2472]. **acid-induced** [3333]. **acid-supplemented** [1886]. **acidic** [2576]. **acidification** [1913, 2211, 1633]. **acidifier** [2345, 1736, 2024]. **acidifiers** [1888]. **acidilactici** [2847]. **Acids** [239, 2983, 2548, 867, 934, 2462, 818, 1117, 1241, 824, 2345, 994, 1231, 2202, 1097, 3117, 2045, 46, 667, 1454, 2611, 100, 1524, 1900, 135, 669, 1128, 2245]. **Acinetobacter** [2780]. **Acipenser** [2677, 2616, 1227, 1328, 1903, 2008, 994, 1094, 1848, 1247, 2204, 875, 776, 1232, 2960, 750, 483, 1857, 2245, 2278]. **Acipenseriformes** [454]. **acoustic** [3245, 2606, 2182]. **Acromitus** [2634]. **across** [2651, 3166, 2564, 1279, 2359, 3370, 3079]. **Acrossocheilus** [2539]. **acting** [2925]. **Actinidia** [2381]. **Actinomycete** [2866]. **actinomycetes** [823]. **action** [2763, 3002]. **activated** [1319]. **activates** [2812]. **activating** [1223, 1444]. **activation** [869, 2911]. **active** [1087, 2973]. **activities** [2059, 1957, 1708, 2488, 2000, 410, 2680, 463, 3375, 2938, 1560, 2318, 361, 1267, 2631, 2533, 2045, 1063, 925, 913, 1145, 3405, 3257, 92, 2021, 1108, 1735,

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Porgy [494, 220, 975, 1054, 334, 342, 1053]. pork [983]. porosity [1825]. Porous [3322, 3357]. Porphyra [895, 3316, 2928, 3147, 3240]. porphyran [2572]. Porphyridium [2691]. portable [2602]. Portieria [2699]. portoamides [3410]. Portugal [391, 2062, 92]. Portuguese [3327, 3377]. portunid [927]. Portunidae [934]. Portunus [1457, 935, 1704, 2108, 936, 1060, 1618, 2455, 1260]. Positioning [1410]. positions [255]. Positive [2752, 2147]. possibilities [2]. Possible [143, 2615, 2712, 2097, 1064, 872, 1385, 634, 1987, 2419, 2699]. Possjet [126]. Post [2249, 707, 1179, 1939, 858, 1129, 1673, 472, 867, 2521, 31, 49, 1314, 1766, 3143, 2098, 1313, 975, 2852, 2202, 3264, 1499, 1929, 1614, 1435, 3200, 3071, 3152, 2537, 210, 3370, 3126, 2611, 1877, 1389, 1570, 1483, 1219, 3083, 1759, 2715, 557]. post-challenge [2098, 3200]. Post-harvest [2249, 3370]. post-larvae [1673, 1766, 3143, 1499, 1929, 1614, 1435, 3200, 3152, 2537, 210, 3126, 1877, 1389, 1570, 1759]. post-larval [1129, 867, 3083]. Post-mortem [1179, 975]. post-nursery [1483]. post-smolt [31, 49, 1313]. post-smolts [1314]. Post-spawning [1939]. post-thaw [2852, 1219]. Post-transport [707, 3071]. Post-tsunami [858]. post-weaning [3264]. postbiotics [2749]. postlarvae [69, 1085, 760, 106, 2092, 3099, 1567, 2096, 1421, 2524, 647, 524, 1145, 331, 1302, 1367]. postlarval [792, 981, 311]. postmetamorphic [79]. postmortal [3138]. postprandial [1447, 1432]. pot [3137]. potassium [2435, 1733]. potato [2026]. potency [2496, 2869]. potent [2016, 2105]. Potential [3232, 1603, 2618, 1168, 1068, 236, 683, 1024, 3154, 3206, 2356, 1276, 2271, 2902, 2190, 2706, 1801, 1075, 1295, 276, 1611, 1375, 638, 2832, 1490, 1529, 2460, 2490, 2521, 3295, 1894, 632, 1829, 2168, 1323, 872, 3181, 2407, 1241, 2497, 2199, 1521, 2932, 1080, 3, 3397, 1308, 2531, 1560, 3243, 2739, 55, 2414, 3162, 3014, 1145, 2176, 1386, 2601, 800, 1332, 2296, 1144, 1797, 2605, 3211, 2154, 2808, 1842, 3306, 210, 2050, 3304, 2020, 2240, 2964, 1125, 1705, 1938, 2450, 2700, 893, 1718, 2184, 2671, 1051, 3280, 2393, 1530, 3220]. potentialities [1899]. potentially [1870, 94, 1429]. potentials [3103, 1551]. potentiating [1501]. poultry [1018, 2202, 3399, 2529, 961]. poultry-based [2529]. poverty [683]. Povidone [2516]. Povidone-iodine [2516]. powder [2985, 2826, 2933, 1795, 2701, 3078, 2083, 1727]. powered [3138]. Powersim [2449]. Powersim-simulated [2449]. pp [564, 565, 563, 678, 1008, 1975]. PPAR [1729]. Practical [2560, 1839, 1340, 1008, 1473, 1181, 1420, 555, 1267, 1832, 3154, 1019, 1036, 2158]. Practice [320, 3071]. Practices [774, 2518, 2912, 3331, 2372, 2316, 333, 3072, 2155, 2356, 1788, 1051, 692]. Pradesh [3187, 2654]. Prawn [366, 511, 848, 2089, 69, 2366, 1971, 1839, 2989, 1627, 3096, 2831, 2427, 3281, 1709, 3255, 1724, 1345, 1563, 2524,

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probiotic-pathogen [2914]. probiotics [3361, 3407, 2425, 2061, 1708, 2459, 2337, 3384, 1122, 1377, 1829, 3198, 1068, 1436, 2784, 2012, 1263, 2531, 2041, 1460, 2380, 3117, 1879, 2689, 1145, 3200, 2954, 2959, 1646, 2813, 2361, 2643, 2898, 2824, 1988, 1731]. problem [2050]. problems [40]. Probopyrus [2557]. Procamallanus [2050]. Procambarus [842, 2996, 1370, 1468, 2596, 2379, 2966, 3213, 3028, 1625, 2642, 2752, 3190, 2753, 2892, 1148, 1540, 2980]. Procedure [569, 872, 3071, 965, 1718]. procedures [1589]. process [2065, 3384, 2554, 3008, 1825, 2808, 1858]. processed [2016]. processes [3135]. Processing [690, 229, 2067, 1813, 998, 1150, 2954, 2510, 3370, 1577, 891, 2748, 1625]. prochilod [2477]. Prochilodus [2477, 3140]. procumbens [3062]. produce [2831, 2554]. produced [2062, 2281, 633, 199, 2501, 1492, 1435, 2510, 1389, 1955, 2306, 1951]. producers [2387]. produces [1524]. producing [385, 1258, 107, 2105]. product [1838, 3369, 2321, 3013, 1579, 961, 844, 1577, 3294]. Production [2001, 129, 1298, 189, 575, 388, 259, 503, 1814, 2104, 952, 516, 32, 3177, 2984, 1888, 1015, 69, 1058, 1129, 1838, 3156, 1804, 2906, 1999, 2678, 1018, 1520, 561, 1690, 1253, 1836, 2913, 2065, 1100, 45, 1954, 1899, 3281, 1377, 2368, 3386, 2257, 2655, 3223, 207, 2585, 2068, 1923, 2619, 2720, 1782, 3292, 1419, 1532, 2464, 3315, 660, 2927, 3244, 1724, 271, 2198, 927, 876, 1117, 1587, 2779, 962, 1745, 3058, 623, 1066, 2199, 2850, 8, 1152, 3397, 1596, 3399, 2347, 2039, 1864, 1458, 3419, 1349, 3114, 1768, 1045, 2208, 1585, 2445, 1850, 1519, 352, 2534]. production [3178, 380, 2635, 2535, 2265, 1034, 2661, 1760, 2178, 1579, 1946, 1945, 655, 1378, 1559, 2695, 2606, 442, 1276, 1376, 2479, 2239, 2511, 763, 3370, 2300, 1107, 133, 292, 2811, 834, 973, 3356, 2967, 1710, 665, 2023, 2972, 2483, 1462, 2056, 1203, 3311, 1807, 2363, 1260, 1592, 1195, 1149, 1689, 3229, 851, 2194, 1355, 1512, 2917, 1831, 1151]. productive [2285, 1081, 3242, 2078, 1191, 2429]. Productivity [1427, 2449, 1772, 2254, 2255, 3393, 191, 384, 3191, 1647, 1045, 2155, 2356, 292, 653]. Products [563, 1295, 3166, 1950, 243, 1813, 2778, 2199, 2594, 2203, 1582, 1447, 1386, 2018, 2954, 362, 2304, 2669, 1203, 2086, 2066]. proficiency [2144]. profile [2062, 2761, 2831, 2587, 784, 3182, 3049, 1202, 1173, 2839, 1784, 1141, 2344, 2260, 912, 3425, 2501, 501, 983, 1717, 464, 1096, 2611, 1653, 959, 1185, 2156, 293, 3297, 2813, 2053, 3138, 2640, 1662, 2085, 1405]. profiles [2164, 2396, 1098, 1568, 2121, 899, 3053, 1028, 1421, 1552, 2626, 3336, 879, 3113, 1767, 2877, 1432, 2389, 1694, 2057, 2979]. profiling [856, 2370, 1872, 2360, 1504, 1665, 1527, 3082]. profit [2227, 1074]. Profitability [2654, 80, 3193, 3046, 3393, 1004, 888, 886, 1298, 2412, 2239, 2384, 1674]. profitable [1917]. progeny [1156].

program [1119, 2525, 808, 1327]. programmes [1408]. programming [2697]. programs [1557, 3191, 1487]. Progress [1510, 1946, 1945, 2575]. Progressive [134]. progressively [1326, 67]. Prohemistomum [2901]. proinflammatory [3051, 3286]. project [138]. prolifera [3419, 3251, 2876, 1403]. proliferation [2013]. proliferative [2634]. prolonged [146, 907, 8, 3024]. promise [467]. Promising [503, 2983, 1212, 1771, 2374, 2875, 1710]. promote [313, 615, 415, 3195, 3253]. promoted [1701]. promoters [2536]. promotes [1887, 3365, 993, 2812, 2483, 2244]. Promoting [3256, 1959, 3153, 96]. Promotion [1413, 145, 683]. prone [2039]. Propagated [567]. propagation [875, 2799, 1616, 1159]. propagule [3156]. proper [880]. properties [1821, 2625, 3303, 2377, 2016, 2017, 3173, 2664, 1961, 3304, 2105, 2215, 557, 1105, 1840]. property [2685]. Prophylactic [2649, 2090]. prophylaxis [2846]. propionate [2503, 2179, 2024]. Propiscin [578]. propolis [1049, 3182, 2201]. proposal [534]. proposals [2224]. proposed [2369]. propyl [2375]. prospective [3092, 1608]. Prospects [238, 3102, 2849, 2266, 599]. prostaglandin [2878]. protandrous [2925]. protease [410, 2992, 160, 3365, 1872]. proteases [301, 2723]. protecting [2886]. Protection [2960, 1990, 2993, 987, 1563, 3162, 2049, 1333, 1059, 1962, 1403, 1056]. Protective [632, 2836, 1925, 3065, 3259, 2130, 3367, 2900, 1801, 2756, 2793, 2569, 2541, 2327]. protects [1732]. Protein [248, 1781, 1181, 1420, 1033, 344, 3232, 2614, 2366, 174, 2908, 1627, 3391, 1286, 2193, 2031, 942, 149, 909, 2283, 1017, 1678, 2428, 3217, 3423, 1293, 3274, 3043, 996, 2068, 2554, 1081, 1226, 291, 3315, 1779, 1340, 1640, 2344, 1307, 2407, 824, 3106, 623, 1706, 115, 114, 2292, 1852, 1486, 1040, 1442, 2293, 3007, 2529, 853, 1765, 2734, 3214, 555, 1267, 1453, 2101, 2351, 1045, 3149, 1796, 3169, 2797, 3154, 2076, 1019, 2152, 880, 379, 1091, 922, 3165, 1873, 1138, 3374, 1271, 2301, 1044, 1036, 387, 1125, 2108, 2327, 2388, 1711, 3138, 3130, 1128, 611, 2668, 2892, 3388, 1012]. protein [1148, 2423, 1038, 1191, 1540, 3319, 3218, 1752, 2113, 2333, 1942, 2456, 3100, 2586, 2553, 2768]. protein-fed [1271]. protein-like [2101]. protein-to-carbohydrate [1779]. protein-to-energy [2553]. protein/carbohydrate [611]. proteinases [943]. Proteins [222, 1801, 1440, 168, 1895, 3068, 2045, 1432, 1331, 2243, 2094]. proteolytic [1715, 1091]. Proteomic [2484, 3040, 3278, 3152, 2183, 2248]. proteomic-based [3040]. protexin [2245]. protocol [1247, 1073, 389, 744]. protocols [198, 1548, 2508, 2693, 3308, 537]. Protozoan [247, 830]. provide [2702]. provided [2979]. provides [2922, 1274, 2419]. Province [2990, 1786, 1787, 1909, 2980]. provinces [3285]. proving [829]. provoke [2801]. provokes [1623]. Proximate [2839, 1803, 146, 2989,

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[2572]. Ray [678, 887]. RBR [2440]. RC [887]. rDNA [895]. re
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[1393, 1355]. school [2520]. schrenckii [2616, 1857, 2278]. Schultze [1894]. Sciaena [2532]. Sciaenops [1906, 675]. Science [447, 678, 2400, 2886, 1283]. sciences [1413, 1414, 1412]. Scienti.c [554]. scientific [859, 1285, 646]. scientometric [3090, 2359]. scleractinian [781]. scolymus [3252]. Scomberomorus [3288]. scope [402, 1118]. Scophthalmus [470, 1770, 1179, 1996, 1090, 2407, 677, 1977, 2320, 394, 1824, 1108, 748, 2308, 2824]. score [2412]. scores [2769]. Scoring [1050, 2560, 1073]. Scortum [2462, 1466, 1744]. Scotland [791]. screen [1810, 2639]. Screening [2727, 1361, 1494, 2823, 1621, 2464, 1897, 2049, 2158]. SCRV [3082]. scutellaria [2580]. Scylla [2759, 3379, 934, 1377, 545, 546, 423, 3104, 571, 1325, 1368, 1983, 937, 928, 1646, 3291, 933]. SDDV [2213]. SDS [160, 344]. SDS-page [344]. SE [88, 1838]. Sea [88, 507, 307, 1336, 1304, 247, 2624, 1102, 471, 126, 510, 1656, 2886, 2028, 519, 1245, 562, 3271, 2827, 788, 93, 2397, 62, 713, 901, 1708, 2829, 192, 882, 2309, 16, 561, 2911, 3390, 1611, 38, 161, 39, 1906, 1610, 138, 340, 970, 81, 1780, 160, 3164, 2463, 1419, 1622, 390, 2589, 1565, 919, 1004, 888, 886, 405, 1083, 2371, 2231, 281, 1774, 184, 1345, 2345, 3184, 912, 1401, 974, 1606, 123, 2201, 399, 1486, 167, 2935, 3109, 1481, 58, 1864, 984, 839, 889, 1308, 1423, 1681, 3147, 3240, 3282, 3251, 1274, 2941, 1193, 1024, 2043, 578, 3067, 606]. sea [2015, 186, 2353, 165, 983, 380, 309, 3070, 3409, 1332, 339, 367, 383, 136, 1428, 2508, 294, 1767, 2153, 1559, 2806, 1547, 1243, 3220, 3206, 156, 898, 1092, 1712, 2019, 1881, 844, 968, 3335, 1062, 557, 2968, 204, 3265, 3421, 2054, 3277, 386, 1366, 2972, 1003, 1192, 1299, 2451, 2454, 3210, 1403, 2891, 612, 697, 1483, 1607, 1517, 1660, 2978, 1633, 1280, 1318, 1373, 1494, 1650, 3188, 870, 1149, 1341, 3376, 2674, 2396, 500, 2519, 1612, 1782, 807, 1521, 1602, 3230, 1737, 2532, 1113, 806, 2058, 2754, 2820]. sea-based [1681]. sea-bass [2345]. Sea-lice [2886]. Seabass [1193, 2825, 1645, 2655, 3223, 3393, 3248, 1766, 3264, 2440, 2348, 2324, 2797, 1691, 2949, 2950, 2877, 1881, 2667, 3283, 1868, 3128, 1175, 1543, 2024, 914, 2816]. seabirds [637]. Seabream [506, 2758, 815, 1286, 2122, 302, 1465, 3275, 372, 1422, 2851, 1349, 528, 3342, 770, 798, 2948, 1363, 2949, 2950, 464, 2512, 2179, 3127, 1089, 1175, 789, 1029, 685]. seafood [1950, 2594, 690]. seafood-exporting [1950]. seahorse [1358, 2913, 2038, 2444, 544]. seahorses [556]. searching [407]. Seas [815]. Season [486, 480, 150, 281, 2439, 1337, 840, 1159, 1530]. Seasonal [286, 2501, 1593, 55, 657, 1943, 3351, 504, 2186, 873, 62, 381, 1850, 105]. seasonal-like [381]. seasonally [1934]. seasons [25, 113, 2564, 952]. seawater [618, 470, 2830, 548, 1013, 134, 2623, 3058, 1461, 1827, 29, 631, 108, 2176, 1777, 311, 2744, 3130, 2022, 914, 1633]. Seaweed [567, 2628, 2154, 2240, 1683, 699, 2759, 3231, 2988, 1248, 1463, 1253, 3163, 1176, 1878, 3400, 3058, 2592, 2685, 3310, 2177, 2803, 3259,

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[2398, 794, 1969, 1744, 3249]. serious [2663]. serotyping [3098]. Serovar [343]. serpulid [3314]. Serrasalmidae [2310, 2226, 2035]. serrata [3379, 934, 1377, 545, 546, 571, 1325, 1368, 937, 928]. Serum [220, 85, 1321, 2291, 755, 2438, 2201, 604, 794, 3009, 2075, 136, 400, 820, 1496, 2452, 3076, 1840, 1360, 2977, 735, 1561]. service [2542]. services [1853, 1525]. sesame [1258]. sesamin [1163]. sessilis [1252]. set [124, 1390]. seticornis [2646]. sets [1187]. settlement [615, 795, 106, 2991, 1612, 640, 103, 2306]. settlements [105]. settler [2436]. settling [804, 3307]. seven [1938]. Several [218]. severe [2675, 2663]. severe-intensity [2675]. severum [703]. sewage [2833, 3235]. Sex [2776, 822, 695, 1679, 2519, 404, 1214, 1320, 2204, 1508, 1714, 2326, 2539, 379, 1232, 1892, 3024, 133, 750, 2156, 3077, 711, 3032, 1759]. sex-related [3032]. sex-reversed [1214]. sexual [801, 161, 3352, 2439, 1941, 2042, 1553, 758, 2662, 2809, 1092, 1365, 2671, 1035]. SFE [2592]. sGnRH [150]. sGnRHa [1747, 2740, 1158]. SGSY [1027]. shad [2780]. shade [1196]. shading [2298, 2383]. shallow [769, 104, 154, 1318]. Shandong [3285]. Shanghai [926]. shape [721, 1979, 2886]. Sharma [1205]. sharp [888, 886, 983]. Sharpsnout [506, 302, 1465, 919, 372, 1422]. Sharptooth [801]. Sheffield [1975]. shelf [1920, 1576, 394, 2054]. shelf-life [394]. shell [1843, 1734, 1745, 1080, 631, 104, 3327, 1329, 2858, 1630, 3241, 14, 1144, 2540, 3392, 2879, 891, 1955, 2025, 2981, 1352]. shelled [2938, 3195, 1012, 1700, 1752]. Shellfish [416, 1479, 144, 1525, 1064, 1120, 1345, 3016, 1528, 1272, 803, 812, 297]. shellfisheries [2491]. shells [3244, 2540]. shelter [370, 1368, 369]. Shenzhen [792]. Shewanella [1089, 892]. shi [1020]. shifts [2092]. shiitake [1192]. ship [1232]. shock [1293, 1086, 1157, 778, 2351, 1359, 1300, 2297, 1003, 674]. shore [1569, 535, 938]. Short [212, 1309, 161, 178, 200, 1259, 1174, 1774, 2038, 151, 140, 193, 186, 177, 3420, 2880, 2082, 2548, 1998, 1173, 1239, 1472, 2845, 3167, 17, 3239, 1221, 1504, 2609, 593]. short- [17]. short-chain [2548, 1774, 2609]. Short-term [1309, 2880, 1173, 1239, 1472, 2845, 3167, 1221, 1504, 593]. shovelnose [201]. show [2691]. shows [1564]. Shrimp [232, 2228, 569, 622, 2272, 628, 1355, 2675, 2548, 1479, 2549, 1907, 1721, 68, 673, 2518, 3092, 3036, 2759, 3395, 3228, 2063, 730, 1619, 2426, 523, 3238, 1290, 1904, 1652, 3359, 3193, 1248, 1358, 2990, 1277, 2032, 1119, 1887, 1463, 1836, 2253, 2119, 1754, 1384, 1678, 2428, 2764, 3217, 2914, 1005, 2092, 2992, 1899, 1780, 2521, 13, 207, 358, 1256, 1950, 2227, 1829, 2835, 2836, 3198, 2770, 2494, 3393, 3334, 981, 1202, 640, 2921, 966, 2554, 2312, 2313, 2924, 1396, 1992, 1393, 1289, 1259, 1379, 1860, 381, 2070, 1784, 2590, 2842, 2722, 3143, 1538, 2997, 1901, 2998]. shrimp

[1487, 2726, 998, 2099, 824, 1198, 1810, 3400, 3059, 647, 915, 575, 1549, 2232, 1970, 2592, 2593, 2847, 2626, 1654, 1055, 3371, 2786, 2202, 1791, 3139, 3109, 1441, 1614, 2731, 2316, 2500, 980, 2378, 1725, 1598, 853, 2317, 2442, 2205, 2732, 889, 1268, 1737, 3063, 3010, 1324, 2469, 3064, 2560, 2860, 26, 140, 1460, 2792, 2318, 1768, 2861, 2207, 2631, 1485, 3340, 2598, 1796, 3169, 80, 576, 2322, 2533, 1741, 2689, 95, 3012, 3285, 3178, 524, 868, 2175, 2947, 2800, 3120, 1145, 1773, 2076, 1902, 2507, 1019, 982, 3146, 373, 2953, 2018, 2049, 2954, 1994, 2567, 2601, 2802, 1315, 2803]. shrimp [3254, 2602, 2603, 1104, 1717, 3019, 2805, 3307, 3257, 559, 2696, 306, 1880, 1620, 2606, 1183, 1502, 2239, 2511, 1961, 1130, 1138, 3126, 2300, 2105, 1493, 941, 1909, 2021, 2609, 362, 2106, 3204, 403, 2611, 2107, 1302, 2134, 1036, 522, 526, 1348, 1185, 1389, 971, 3321, 1788, 1711, 2449, 1705, 3256, 1962, 1025, 891, 2544, 2022, 1114, 1361, 2483, 2641, 2670, 3077, 734, 2890, 2574, 1146, 2818, 2058, 2819, 3080, 735, 782, 1592, 3030, 2897, 1689, 2899, 1644, 1397, 3170, 2429, 2194, 2403, 679, 552]. Shrimps [233, 2115, 2338, 2354, 1660, 1976]. sHsp [2351]. Si [3128]. siamensis [3136, 2612]. Siamese [168, 2502, 1601, 1599, 1924]. sib [1480]. Siberian [1247, 208, 2245]. sibling [1457]. side [3192]. sides [843]. sidoides [2650]. Siganus [702, 990]. sign [2616, 3276, 2721, 2724, 3215, 1908, 2735, 3175, 3406, 3011, 2955, 3026, 2815, 2668, 3411, 2278, 2896]. signal [638, 271, 998, 2277]. signaling [2404, 2507]. significant [3148, 2663]. significantly [1628, 2959]. silage [1839, 3242, 2472]. silica [2946]. silicate [2779]. silico [2946, 3410]. Siluriformes [1097, 3159]. Silurus [1226, 1164, 2853, 2854, 1211, 1988]. Silva [2785]. Silver [251, 237, 1619, 300, 3196, 2525, 1792, 3136, 325, 2297, 3358, 360, 1660, 2160]. silymarin [2686]. similar [2536]. similis [2001, 1798]. Simple [569, 50, 1544, 1835, 56, 1651, 777, 389]. simulate [1915]. simulated [2405, 321, 778, 1101, 528, 2449]. Simulation [2678, 2123, 2010, 2581, 851]. simulations [602, 619]. simultaneous [3098, 1476, 1697]. simultaneously [1013]. Sinaloa [54]. since [1519]. sinensis [656, 2457, 2120, 1680, 1956, 2230, 1142, 3060, 918, 3343, 929, 932, 2657, 2790, 2938, 2411, 2633, 1279, 931, 1050, 753, 930, 2388, 2361, 985, 2390, 2573, 2702, 1012, 1799, 2975, 2516, 1700, 3378, 1649, 1752, 2644]. Singhi [221]. Single [1896, 2231, 2531, 395, 2329, 2109, 3280]. single-factor [3280]. Single-nucleotide [1896, 2109]. singly [1358]. singularly [946]. Siniperca [856, 3380, 2657, 3214, 1392, 2332, 3082]. sink [1593]. sinks [1586]. Sinotaia [3142]. Sinuolinea [2118]. Siraitia [3340]. Site [2140, 790]. sites [1578, 2030, 1067, 2808]. situ [3055, 793, 2887, 1668]. Six [250, 289, 3377]. Size [313, 248, 1448, 4, 300, 548, 2915, 1670, 281, 273, 2778, 841, 3176, 659, 768, 720, 125, 754, 2468, 3005, 1929, 3063, 2352, 1368, 2353, 758, 1034, 1943, 445,

1165, 79, 126, 1547, 434, 702, 2182, 672, 1273, 172, 1876, 697, 1149]. sized [536, 1466]. sizes [1619, 2031, 2716, 113, 575, 3167, 1749, 1726, 576, 644]. sizing [2899]. skeletal [3276, 2922, 302, 1231, 2965]. skeleton [1642]. Skeletonema [250, 2033]. skill [1337]. skills [1411]. Skin [3366, 2704, 1995, 1446, 2652, 2727, 1124, 975, 1596, 3353, 1800, 3024, 3296, 1050, 2420, 2514, 2552, 2714, 3385]. skirt [2687]. slag [2254]. Slaughter [228, 171, 532]. slaughtered [1583]. slaughtering [456, 405]. SLE [2685]. slip [2479]. SLP1 [1814]. sludge [2284, 2257, 2211]. Small [977, 1917, 3164, 640, 2495, 2198, 1066, 1647, 2348, 1738, 1325, 74, 1378, 3418, 835, 1371, 3269, 1010, 2697, 2387, 1788, 2977, 1871, 2218, 3177, 1512]. small-scale [1917, 640, 2495, 1647, 1325, 74, 1378, 835, 3269, 2697, 2387, 1788, 3177, 1512]. smallholder [1984]. smallscale [1989]. smart [2534, 2744]. Smith [2124]. smoked [1180, 547, 670]. smolt [635, 1013, 31, 49, 1313]. smoltification [92]. smolting [63]. smolts [81, 12, 1314]. smooth [1320]. SN1 [2743]. snail [880, 2484]. snakehead [176, 2051, 2052, 3351, 1437, 2421, 2977, 1561]. snakeskin [1800, 2055]. snapper [1018, 1353, 2834, 2694, 1503]. snook [1317]. snout [888, 886, 2045, 983, 3411]. snow [3425]. SNP [1669, 3385, 3366, 1707, 3032]. SNPs [1692, 3155, 1352]. Sobaity [3127]. Social [819, 1724, 1325, 2086, 768, 50, 3270, 3263]. Socio [2360, 911, 1027, 1400, 2961, 3256]. socio-cultural [3256]. Socio-demographic [2360]. Socio-economic [911, 1027, 1400]. socio-economics [2961]. sociodemographic [3285]. socking [632]. socks [1251]. sod [1299]. Sodium [2523, 2945, 2024, 1356, 1763, 1764, 2469, 2503, 1131, 2179, 1022]. Soft [2981, 12, 1745, 2938, 2879, 3195, 1012, 1700, 1752]. Soft-shell [2981, 1745, 2879]. soft-shelled [2938, 3195, 1012, 1700, 1752]. soil [1005, 2377, 2479]. soil-grown [2377]. soils [95]. Soják [3061]. solani [2835, 2997, 2847, 2631, 2689]. Solanum [472, 2685]. Solar [1611, 2602]. Solar-dried [1611]. soldier [2786, 2742]. Sole [572, 721, 687, 122, 698, 841, 1320, 501, 1091, 1089]. Solea [867, 501, 1091, 1089]. solid [3321]. solids [1555, 2741]. Solieria [3362, 3325]. Solieriaceae [3362, 3325]. Solomon [2125]. solubility [1706]. solubilizing [897, 321]. soluble [433]. solubles [3080]. Solution [488, 869, 1342, 176, 3294]. solutions [1817, 2852, 1522, 1223, 175, 2369]. solvent [2420]. somatic [968, 1280]. somatostatin [1469]. somatostatin-14 [1469]. Some [885, 1637, 247, 579, 484, 610, 2033, 336, 2069, 183, 2627, 585, 2044, 1484, 173, 2476, 820, 2112]. sonderianus [2958]. Sophora [3175]. sorting [1929]. sorubim [1750, 1751, 2132]. Souahlia [2140]. Sound [1853, 529]. Sounds [416]. Source [628, 192, 1870, 2283, 2428, 3043, 2257, 350, 2554, 1393, 196, 1077,

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[391, 2062, 1782, 2412, 283, 3034, 2457, 1789, 2831, 1853, 1670, 545, 546, 1612, 1589, 2594, 3336, 2126, 3116, 2413, 2321, 3178, 2268, 185]. south-eastern [2412]. Southeast [3178, 751, 3310, 2321]. southeastern [2164, 1251, 3231]. Southern [282, 251, 1786, 2198, 2171, 303, 158, 1144, 434, 1190, 2117, 2739, 3263, 1788]. Southgate [1071]. southwest [848, 1721, 673, 2197, 2635]. Sow [489]. Sowerby [2445]. Sox17 [256]. Sox9 [256]. soy
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[88, 103, 945, 282, 1305, 2171, 2387]. spallanzanii [1336]. Spanish [3288, 1565]. Sparidae [424, 974, 537]. Sparidentex [3127]. sparids [305]. sparing [1271, 2301]. Sparus
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