Ryo Kishida

List of Publications by Year
in descending order

20	162	1163117 8	1199594 12
papers	citations	h-index	g-index

20	20	20	109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of carbonate ions in phosphate solution on the fabrication of carbonate apatite through a dissolutionâ€“precipitation reaction. Ceramics International, 2022, 48, 1032-1037.	4.8	9
2	Fabrication of vaterite blocks from a calcium hydroxide compact. Ceramics International, 2022, 48, 4153-4157.	4.8	7
3	Effects of pore interconnectivity on bone regeneration in carbonate apatite blocks. International Journal of Energy Production and Management, 2022, 9, rbac010.	3.7	7
4	Fabrication and histological evaluation of porous carbonate apatite blocks using disodium hydrogen phosphate crystals as a porogen and phosphatization accelerator. Journal of Biomedical Materials Research - Part A, 2022, 110, 1278-1290.	4.0	3
5	Density Functional Theory-Based Calculation Shed New Light on the Bizarre Addition of Cysteine Thiol to Dopaquinone. International Journal of Molecular Sciences, 2021, 22, 1373.	4.1	9
6	Melanin Chemistry. , 2021, , 1-31.		0
7	Honeycomb scaffolds capable of achieving barrier membrane-free guided bone regeneration. Materials Advances, 2021, 2, 7638-7649.	5.4	19
8	Melanin Chemistry Explored by Quantum Mechanics. , 2021, , .		2
9	Dopaquinone Conversion and Related Reactions. , 2021, , 51-80.		0
10	Concluding Remarks and Future Perspectives. , 2021, , 81-83.		0
11	Fabrication of highly interconnected porous carbonate apatite blocks based on the setting reaction of calcium sulfate hemihydrate granules. Ceramics International, 2021, 47, 19856-19863.	4.8	4
12	Granular Honeycombs Composed of Carbonate Apatite, Hydroxyapatite, and Î²-Tricalcium Phosphate as Bone Graft Substitutes: Effects of Composition on Bone Formation and Maturation. ACS Applied Bio Materials, 2020, 3, 1787-1795.	4.6	41
13	Surface Compositions of Ptâ€“Pd/Pd(111) Alloys in the Presence of O and OH during Oxygen Reduction Reaction: A First-Principles Study. Journal of the Physical Society of Japan, 2019, 88, 044802.	1.6	2
14	Cyclic Bond Formation of Rhododendrol-quinone and Dopamine-quinone: Effects of Proton Rearrangement. Journal of the Physical Society of Japan, 2018, 87, 084802.	1.6	3
15	Branching Reaction in Melanogenesis: The Effect of Intramolecular Cyclization on Thiol Binding. Journal of Electronic Materials, 2017, 46, 3784-3788.	2.2	7
16	Density Functional Theory-Based First Principles Calculations of Rhododendrol-Quinone Reactions: Preference to Thiol Binding over Cyclization. Journal of the Physical Society of Japan, 2017, 86, 024804.	1.6	9
17	First Principles Calculations of Transition Metal Binary Alloys: Phase Stability and Surface Effects. Journal of Electronic Materials, 2017, 46, 3776-3783.	2.2	13
18	Effects of introduction of Î±â€carboxylate, Nâ€methyl, and Nâ€formyl groups on intramolecular cyclization of oâ€quinone amines: Density functional theoryâ€based study. International Journal of Quantum Chemistry, 2017, 117, e25445.	2.0	7

#	Article	IF	Citations
19	Mechanism of dopachrome tautomerization into 5,6-dihydroxyindole-2-carboxylic acid catalyzed by Cu(II) based on quantum chemical calculations. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 281-286.	2.4	10
20	Effect of <scp>pH</scp> on elementary steps of dopachrome conversion from firstâ€principles calculation. Pigment Cell and Melanoma Research, 2014, 27, 734-743.	3.3	10