Seung-Joo Kim

List of Publications by Year
in descending order

45 papers	1,244 citations	430874 18 h-index	361022 35 g-index
48 all docs	48 docs citations	48 times ranked	2169 citing authors

#	Article	IF	Citations
1	Formation, thermal redox reaction and crystal structure of Î´-CaCr2O4. Journal of Solid State Chemistry, 2022, 305, 122669.	2.9	2
2	Effect of the Plasma Gas Type on the Surface Characteristics of 3Y-TZP Ceramic. International Journal of Molecular Sciences, 2022, 23, 3007.	4.1	1
3	Polymorphism and sodium-ion conductivity of NaTa2PO8 synthesized via the Li+/Na+ ion-exchange reaction of LiTa2PO8. Ceramics International, 2022, 48, 20712-20720.	4.8	1
4	I³O⁰-Type 3D Framework of Cobalt Cinnamate and Its Efficient Electrocatalytic Activity toward the Oxygen Evolution Reaction. Chemistry of Materials, 2021, 33, 2804-2813.	6.7	9
5	Phase Transformations and Subsurface Changes in Three Dental Zirconia Grades after Sandblasting with Various Al2O3 Particle Sizes. Materials, 2021, 14, 5321.	2.9	13
6	Mononuclear Copper Complexes with Tridentate Tris(N-heterocyclic carbene): Synthesis and Catalysis of Alkyneâ€“Azide Cycloaddition. Organometallics, 2021, 40, 16-22.	2.3	7
7	An analytical method to characterize the crystal structure of layered double hydroxides: synthesis, characterization, and electrochemical studies of zinc-based LDH nanoplates. Journal of Materials Chemistry A, 2020, 8, 8692-8699.	10.3	10
8	Highly Luminous Ba2SiO4â^ÎN2/3Î´:Eu2+ Phosphor for NUV-LEDs: Origin of PL-Enhancement by N3â^-Substitution. Materials, 2020, 13, 1859.	2.9	2
9	Unique design of superior metal-organic framework for removal of toxic chemicals in humid environment via direct functionalization of the metal nodes. Journal of Hazardous Materials, 2020, 398, 122857.	12.4	28
10	Self-emitting blue and red EuOX (X = F, Cl, Br, I) materials: band structure, charge transfer energy, and emission energy. Physical Chemistry Chemical Physics, 2019, 21, 1737-1749.	2.8	22
11	Highly luminous and green-emitting Eu2+ activated Eu1-Sr Al2O4 (0 â‰¤ x â‰¤ 1) materials for NUV-LEDs. Materials Chemistry and Physics, 2019, 233, 185-193.	4.0	6
12	Highly Luminous N^{3â€“}-Substituted Li₂MSiO_{4â^ÎN}2/3Î´</sub>:Eu²⁺ (M = Ca, Sr, and Ba) for White NUV Light-Emitting Diodes. ACS Omega, 2019, 4, 8431-8440.	3.5	9
13	Characterization of Linagliptinâ€“Ferulic Acid Cocrystal with Improved Thermal and Photostability. Bulletin of the Korean Chemical Society, 2019, 40, 453-456.	1.9	1
14	Structure of Li5AlS4 and comparison with other lithium-containing metal sulfides. Journal of Solid State Chemistry, 2018, 257, 19-25.	2.9	15
15	LiTa₂PO₈: a fast lithium-ion conductor with new framework structure. Journal of Materials Chemistry A, 2018, 6, 22478-22482.	10.3	58
16	Structural and Electrochemical Properties of Dense Yttria-Doped Barium Zirconate Prepared by Solid-State Reactive Sintering. Energies, 2018, 11, 3083.	3.1	26
17	Highly Enhanced Photocatalytic Water-Splitting Activity of Gallium Zinc Oxynitride Derived from Flux-Assisted Zn/Ga Layered Double Hydroxides. Industrial & Engineering Chemistry Research, 2018, 57, 16264-16271.	3.7	13
18	The crystal structure and phase transitions of LiBaPO4. Solid State Sciences, 2018, 83, 76-81.	3.2	7

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19	Crystal structures of new layered perovskite-type oxyfluorides, CsANb2O6F (A = Sr and Ca) and comparison with pyrochlore-type CsNb2O5F. Journal of Solid State Chemistry, 2018, 267, 146-152.	2.9	6
20	Wafer-scale reliable switching memory based on 2-dimensional layered organicâ€“inorganic halide perovskite. Nanoscale, 2017, 9, 15278-15285.	5.6	113
21	Highly Luminous and Thermally Stable Mg-Substituted Ca_{2â€“x}Mg_xSiO₄:Ce (0 â‰¤ x â‰¤ 1) Phosphor for NUV-LEDs. Inorganic Chemistry, 2017, 56, 12116-12128.	4.0	23
22	Synthesis, Crystal Structure, and Photophysical Properties of Oneâ€Dimensional Hydrogenâ€bonded Assembly of Cubaneâ€like Clusters, <scp>Cu₄I₄</scp>(mea)₄ (meaâ€‰=â€‰Monoethanolamine). Bulletin of the Korean Chemical Society, 2017, 38, 968-971.	1.9	1
23	Influence of alumina content in the raw clay on the sintering behavior of Karatsu ware. Journal of the Ceramic Society of Japan, 2016, 124, 833-837.	1.1	6
24	Eu²⁺-Activated Alkaline-Earth Halophosphates, M₅(PO₄)₃X:Eu²⁺ (M = Ca, Sr, Ba; X = F, Cl, Br) for NUV-LEDs: Site-Selective Crystal Field Effect. Inorganic Chemistry, 2016, 55, 8359-8370.	4.0	54
25	Synthesis, crystal structure, and ionic conductivity of a new layered metal phosphate, Li2Sr2Al(PO4)3. Journal of Solid State Chemistry, 2016, 243, 12-17.	2.9	9
26	Solution-Processible Crystalline NiO Nanoparticles for High-Performance Planar Perovskite Photovoltaic Cells. Scientific Reports, 2016, 6, 30759.	3.3	166
27	Investigation of the mineral components of porcelain raw material and their phase evolution during a firing process by using a Rietveld quantitative analysis. Journal of the Korean Physical Society, 2016, 68, 126-130.	0.7	10
28	Noncentrosymmetric Mixedâ€Valence Copper(I, II) Chloride Framework: Î²â€“[Cu(II)(en)₂]₂Cu(I)₇Cl₁₁. Bulletin of the Korean Chemical Society, 2015, 36, 2948-2951.	1.9	0
29	Crystal structure and ion conductivity of a new mixed-anion phosphate LiMg3(PO4)P2O7. Journal of Solid State Chemistry, 2015, 225, 335-339.	2.9	27
30	Luminescent Properties of Rare Earth Fully Activated Apatites, LiRE₉(SiO₄)₆O₂ (RE = Ce, Eu, and Tb): Site Selective Crystal Field Effect. Inorganic Chemistry, 2015, 54, 1325-1336.	4.0	68
31	A scalable and facile synthesis of alumina/exfoliated graphite composites by attrition milling. RSC Advances, 2015, 5, 93267-93273.	3.6	8
32	Blue-silica by Eu²⁺-activator occupied in interstitial sites. RSC Advances, 2015, 5, 74790-74801.	3.6	70
33	Ionic conductivity of Dion-Jacobson type oxide LiLaTa2O7 and oxynitride LiLaTa2O6.15N0.57 measured by impedance spectroscopy. Ceramics International, 2015, 41, 3318-3323.	4.8	12
34	Role of intermediate phase for stable cycling of Na ₇ V ₄ (P ₂ O) Tj ETQq0 0 0 rgBT /Overlock 10 Academy of Sciences of the United States of America, 2014, 111, 599-604.	7.1	136
35	Melilite-type blue chromophores based on Mn3+ in a trigonal-bipyramidal coordination induced by interstitial oxygen. Journal of Materials Chemistry C, 2013, 1, 5843.	5.5	24
36	Luminescent Properties of RbSrPO₄:Eu²⁺ Phosphors for Nearâ€UVâ€Based Whiteâ€Lightâ€Emitting Diodes. European Journal of Inorganic Chemistry, 2013, 2013, 4662-4666.	2.0	9

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37	RbBaPO₄:Eu²⁺: a new alternative blue-emitting phosphor for UV-based white light-emitting diodes. Journal of Materials Chemistry C, 2013, 1, 500-505.	5.5	96
38	Preparation and neutron diffraction study of Dion-Jacobson type oxynitrides LiLaTa2O7â^'3xN2x (x=0.09,) Tj ETQq0 0 0 rgBT /Overlock 1	5.2	10
39	Green organophotocatalysis. TiO2-induced enantioselective Î±-oxyamination of aldehydes. Catalysis Science and Technology, 2011, 1, 923.	4.1	45
40	Synthesis and Characterization of New Pyrochlore-type Oxyfluorides, APbNb₂O₆F (A = Na and K). Bulletin of the Korean Chemical Society, 2010, 31, 497-499.	1.9	7
41	Dimensional modification of oxyfluoride lattice: Preparation and structure of Aâ€²ANb2O6F (Aâ€²=Na, K,) Tj ETQq1 1 0.784314 rgBT	4.0	9
42	Transformation of Dionâ€“Jacobson-type layered oxyfluorides into new anion-deficient pyrochlore-type oxides, ASrNb2O6.5 (A = Li and Na). Journal of Materials Chemistry, 2002, 12, 1001-1004.	6.7	5
43	X-Ray absorption spectroscopic study on LaPdO3. Journal of Materials Chemistry, 2002, 12, 995-1000.	6.7	29
44	New Dionâ^'Jacobson-Type Layered Perovskite Oxyfluorides, ASrNb2O6F (A = Li, Na, and Rb). Chemistry of Materials, 2001, 13, 906-912.	6.7	52
45	B-site cation arrangement and crystal structure of layered perovskite compounds CsLn2Ti2NbO10 (Ln =) Tj ETQq1 1 0.784314 rgBT /Ov	6.7	19