

Hyoung Sun Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,124
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Ten years of research change using Google Trends: From the perspective of big data utilizations and applications. <i>Technological Forecasting and Social Change</i> , 2018, 130, 69-87.	11.6	289
2	Luminescence Properties and Energy Transfer of Site-Sensitive $\text{Ca}^{6s} \text{Mg}^{4p} (\text{PO}_4)_4 : \text{Eu}^{2+}$ Phosphors and Their Application to Near-UV LED-Based White LEDs. <i>Inorganic Chemistry</i> , 2009, 48, 11525-11532.	4.0	187
3	Synthesis and Photoluminescence Properties of a Novel Red-Emitting $\text{Na}_2\text{Y}_2\text{Ti}_{10} : \text{Eu}^{3+}, \text{Sm}^{3+}$ Phosphor for White-Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24334-24340.	3.1	140
4	Luminescent and Structural Properties of $(\text{Sr}_{1-x}\text{Ba}_x)_3\text{MgSi}_2\text{O}_8 : \text{Eu}^{2+}$: Effects of Ba Content on the Eu^{2+} Site Preference for Thermal Stability. <i>Inorganic Chemistry</i> , 2009, 48, 557-564.	4.0	65
5	A novel blue-emitting silica-coated $\text{KBaPO}_4 : \text{Eu}^{2+}$ phosphor under vacuum ultraviolet and ultraviolet excitation. <i>Materials Chemistry and Physics</i> , 2009, 115, 161-164.	4.0	60
6	White-light emitting surface-functionalized ZnSe quantum dots: europium complex-capped hybrid nanocrystal. <i>Journal of Materials Chemistry</i> , 2011, 21, 12812.	6.7	58
7	Particle size control of a monodisperse spherical $\text{Y}_2\text{O}_3 : \text{Eu}^{3+}$ phosphor and its photoluminescence properties. <i>Journal of Materials Research</i> , 2007, 22, 2017-2024.	2.6	51
8	Preparation and photoluminescence properties of $\text{YAl}_3(\text{BO}_3)_4 : \text{Tb}^{3+}, \text{Bi}^{3+}$ phosphor under VUV/UV excitation. <i>Optical Materials</i> , 2008, 31, 131-135.	3.6	45
9	Continuous nano-coating of $\text{Y}_2\text{O}_3 : \text{Eu}^{3+}$ phosphor shell on SiO_2 core particles and its photoluminescence properties. <i>Journal of Luminescence</i> , 2010, 130, 153-156.	3.1	44
10	The impact of the pandemic declaration on public awareness and behavior: Focusing on COVID-19 google searches. <i>Technological Forecasting and Social Change</i> , 2021, 166, 120592.	11.6	37
11	Synthesis and photoluminescence properties of Yb^{2+} doped $\text{Ba}_5(\text{PO}_4)_3\text{Cl}$ phosphor for white light-emitting diodes. <i>Optical Materials</i> , 2009, 31, 1555-1558.	3.6	35
12	Effects of Eu^{2+} Concentration Variation and Ce^{3+} Codoping on Photoluminescence Properties of $\text{BaGa}_2\text{S}_4 : \text{Eu}^{2+}$ Phosphor. <i>Journal of the Electrochemical Society</i> , 2008, 155, J66.	2.9	19
13	A study on the effects of the CAFE standard on consumers. <i>Energy Policy</i> , 2016, 91, 148-160.	8.8	14
14	How to improve a technology evaluation model: A data-driven approach. <i>Technovation</i> , 2018, 72-73, 1-12.	7.8	14
15	Self-assembled SiO_2 photonic crystal infiltrated by Ormosil: $\text{Eu}(\text{DBM})_3$ phosphor and its enhanced photoluminescence. <i>Optics Express</i> , 2009, 17, 3732.	3.4	13
16	Synthesis of Phosphor Photonic Crystals by Self-Assembly of $\text{SiO}_2/\text{Y}_2\text{O}_3 : \text{Tb}^{3+}$ Core/Shell Particles and Its Photoluminescence Properties. <i>Journal of the Electrochemical Society</i> , 2010, 157, J358.	2.9	11
17	A hybrid recommendation model for successful R&D collaboration: Mixing machine learning and discriminant analysis. <i>Technological Forecasting and Social Change</i> , 2021, 170, 120871.	11.6	11
18	Artificial intelligence-based decision support model for new drug development planning. <i>Expert Systems With Applications</i> , 2022, 198, 116825.	7.6	9

#	ARTICLE	IF	CITATIONS
19	The Characteristics of SMEs Preferring Cooperative Research and Development Support from the Government: The Case of Korea. Sustainability, 2018, 10, 3048.	3.2	8
20	Disease burden metrics and the innovations of leading pharmaceutical companies: a global and regional comparative study. Globalization and Health, 2020, 16, 80.	4.9	6
21	Organic wavelength-converting film-based hybrid planar white light-emitting diodes. Journal of the Society for Information Display, 2010, 18, 1104-1110.	2.1	5
22	The relationship between government research funding and the cancer burden in South Korea: implications for prioritising health research. Health Research Policy and Systems, 2019, 17, 103.	2.8	2
23	Young people are not blameworthy: the generation's awareness of COVID-19 and behavioral responses. Scientific Reports, 2021, 11, 23595.	3.3	1