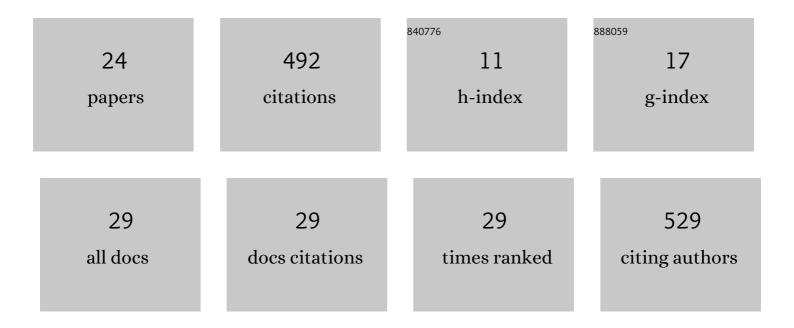
Bong Joo Kang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/640072/publications.pdf Version: 2024-02-01



RONG LOO KANG

#	Article	IF	CITATIONS
1	Energy-level engineering of the electron transporting layer for improving open-circuit voltage in dye and perovskite-based solar cells. Energy and Environmental Science, 2019, 12, 958-964.	30.8	116
2	Benzothiazolium Single Crystals: A New Class of Nonlinear Optical Crystals with Efficient THz Wave Generation. Advanced Materials, 2017, 29, 1701748.	21.0	64
3	Highly Nonlinear Optical Organic Crystals for Efficient Terahertz Wave Generation, Detection, and Applications. Advanced Optical Materials, 2021, 9, 2101019.	7.3	49
4	Terahertz Phonon Mode Engineering of Highly Efficient Organic Terahertz Generators. Advanced Functional Materials, 2017, 27, 1605583.	14.9	38
5	Yellowâ€Colored Electroâ€Optic Crystals as Intense Terahertz Wave Sources. Advanced Functional Materials, 2018, 28, 1801143.	14.9	32
6	Single-Layer Metasurfaces as Spectrally Tunable Terahertz Half- and Quarter-Waveplates. ACS Applied Materials & Interfaces, 2019, 11, 7655-7660.	8.0	30
7	Organic Three omponent Single Crystals with Pseudoâ€Isomorphic Cocrystallization for Nonlinear Optics and THz Photonics. Advanced Functional Materials, 2018, 28, 1805257.	14.9	28
8	Efficient Opticalâ€ŧo‶Hz Conversion Organic Crystals with Simultaneous Electron Withdrawing and Donating Halogen Substituents. Advanced Optical Materials, 2018, 6, 1700930.	7.3	27
9	Single Crystals Based on Hydrogenâ€Bonding Mediated Cation–Anion Assembly with Extremely Large Optical Nonlinearity and Their Application for Intense THz Wave Generation. Advanced Optical Materials, 2018, 6, 1701258.	7.3	24
10	New Class of Efficient Terahertz Generators: Effective Terahertz Spectral Filling by Complementary Tandem Configuration of Nonlinear Organic Crystals. Advanced Functional Materials, 2018, 28, 1707195.	14.9	17
11	Wideâ€Bandgap Organic Crystals: Enhanced Opticalâ€ŧoâ€Terahertz Nonlinear Frequency Conversion at Nearâ€Infrared Pumping. Advanced Optical Materials, 2020, 8, 1902099.	7.3	15
12	Fluorinated Organic Electroâ€Optic Quinolinium Crystals for THz Wave Generation. Advanced Optical Materials, 2019, 7, 1801495.	7.3	12
13	Quinolinium single crystals with a high optical nonlinearity and unusual out-of-plane polar axis. Journal of Materials Chemistry C, 2017, 5, 12602-12609.	5.5	11
14	Electrically Controllable Terahertz Secondâ€Harmonic Generation in GaAs. Advanced Optical Materials, 2020, 8, 2000359.	7.3	11
15	Ultrafast and Low-Threshold THz Mode Switching of Two-Dimensional Nonlinear Metamaterials. Nano Letters, 2022, 22, 2016-2022.	9.1	9
16	Anomalous Wavelength Scaling of Tightly Coupled Terahertz Metasurfaces. ACS Applied Materials & Interfaces, 2018, 10, 19331-19335.	8.0	8
17	Optical Crystals: Benzothiazolium Single Crystals: A New Class of Nonlinear Optical Crystals with Efficient THz Wave Generation (Adv. Mater. 30/2017). Advanced Materials, 2017, 29, .	21.0	1
18	Complementary tandem configuration of nonlinear organic crystals for efficient terahertz spectral filling. , 2017, , .		0

#	Article	IF	CITATIONS
19	Terahertz Waves: New Class of Efficient Terahertz Generators: Effective Terahertz Spectral Filling by Complementary Tandem Configuration of Nonlinear Organic Crystals (Adv. Funct. Mater. 15/2018). Advanced Functional Materials, 2018, 28, 1870096.	14.9	0
20	Electrical switching between terahertz second and third harmonic generation in photo-doped GaAs. , 2018, , .		0
21	Nonlinear Optical Salt Crystals: Single Crystals Based on Hydrogen-Bonding Mediated Cation-Anion Assembly with Extremely Large Optical Nonlinearity and Their Application for Intense THz Wave Generation (Advanced Optical Materials 10/2018). Advanced Optical Materials, 2018, 6, 1870039.	7.3	Ο
22	Single-Layered Metasurfaces as Spectrally Tunable Terahertz Half- and Quarter-Waveplates. , 2019, , .		0
23	Ultrafast Mode Switching of Metamaterials Driven by Intense THz Field-Induced Impact Ionization. , 2021, , .		Ο
24	THz-Pump/SC-Probe Spectroscopy and the Non-resonant Dynamic Stark Effect of Molecules. , 2021, , .		0