

Report - ocaya

Ocaya, Richard Opio

Filter by publication year range:2013 to 2022

Most cited publications

Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023

Publication	Citations	Field-Weighted Citation Impact
Effect of annealing temperature on structural, morphology and optical properties of ZnO nano-needles prepared by zinc-air cell system method. Malevu, T.D, Ocaya, R.O (2015) International Journal of Electrochemical Science, 10 (2), pp. 1752-1761.	54	2.24
New photodiodes based graphene-organic semiconductor hybrid materials. Mekki, A., Ocaya, R.O., Dere, A. and 3 more (2016) Synthetic Metals, 213, pp. 47-56.	39	2.13
Ruthenium(II) Complex Based Photodiode for Organic Electronic Applications. Tataroglu, A., Ocaya, R., Dere, A. and 6 more (2018) Journal of Electronic Materials, 47 (1), pp. 828-833.	34	2.37

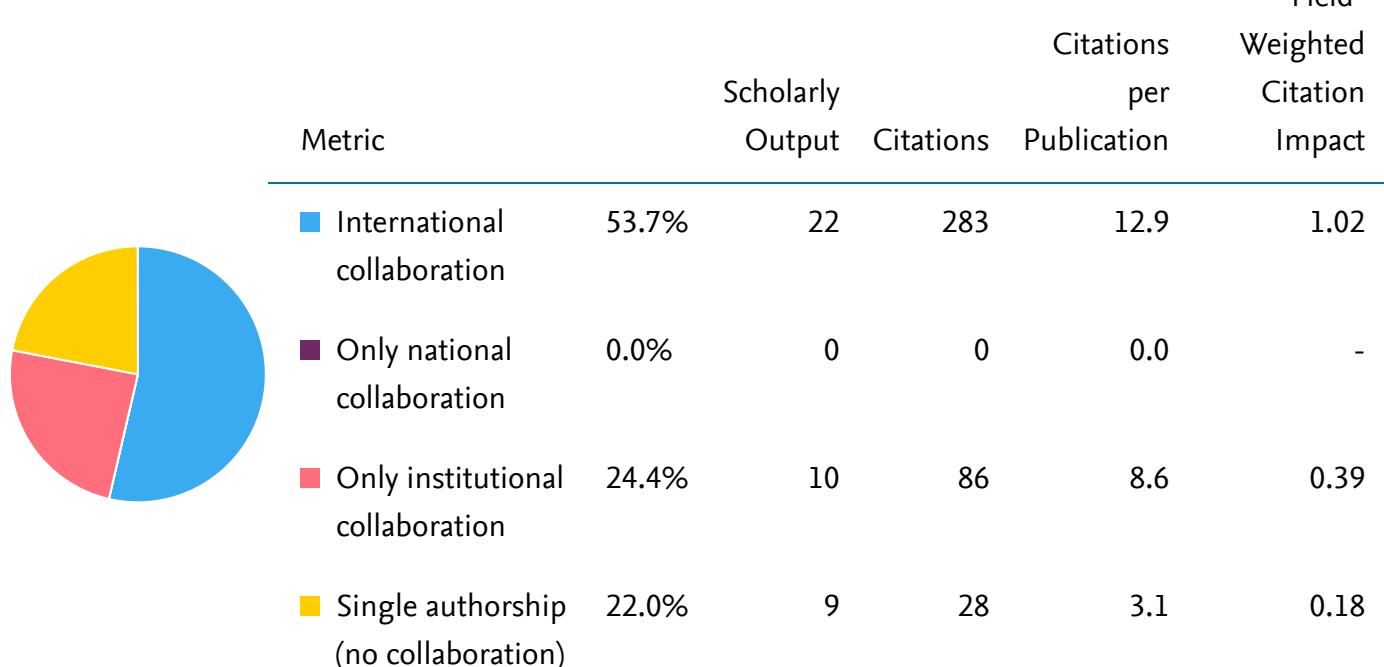
Most cited publications

Publication	Citations	Field-Weighted Citation Impact
Organic semiconductor photosensors. Ocaya, R.O., Al-Sehem, A.G., Al-Ghamdi, A. and 2 more (2017) Journal of Alloys and Compounds, 702, pp. 520-530.	33	2.28
Organic photodetector with coumarin-adjustable photocurrent. Ocaya, R.O., Al-Ghamdi, A., Mensah-Darkwa, K. and 3 more (2016) Synthetic Metals, 213, pp. 65-72.	31	1.68

Geographical Collaboration - Overall

Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023

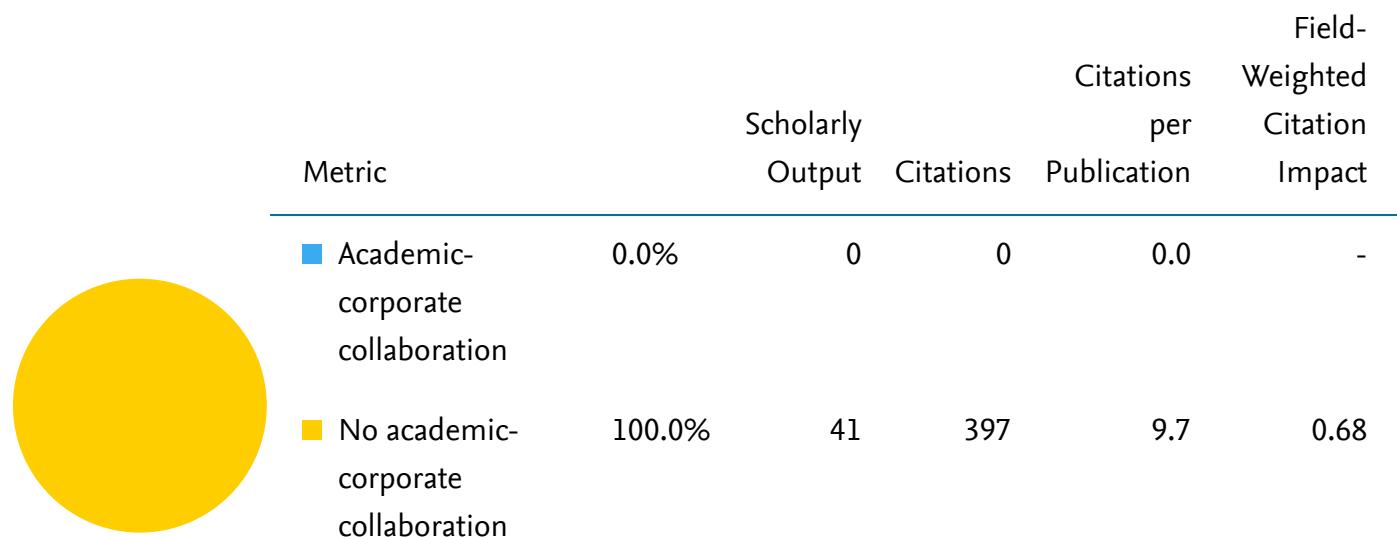
International, national and institutional collaboration by of Ocaya, Richard Opio in the selected year range.



Academic-Corporate Collaboration

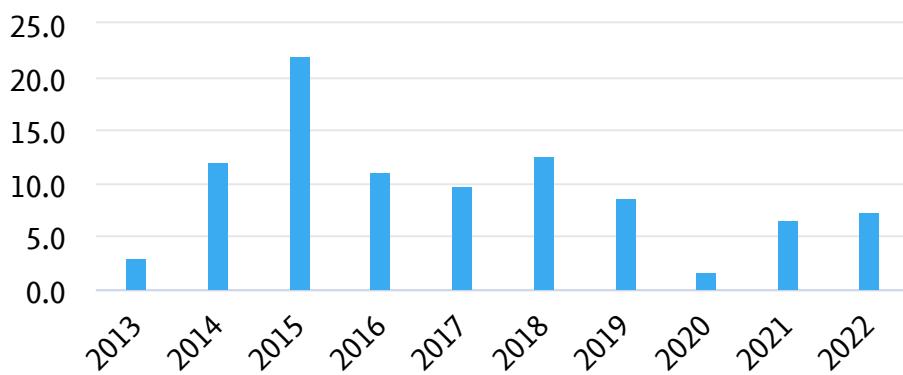
Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023

Scholarly Output of Ocaya, Richard Opio with both academic and corporate author affiliations



Citations per Publication

Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023

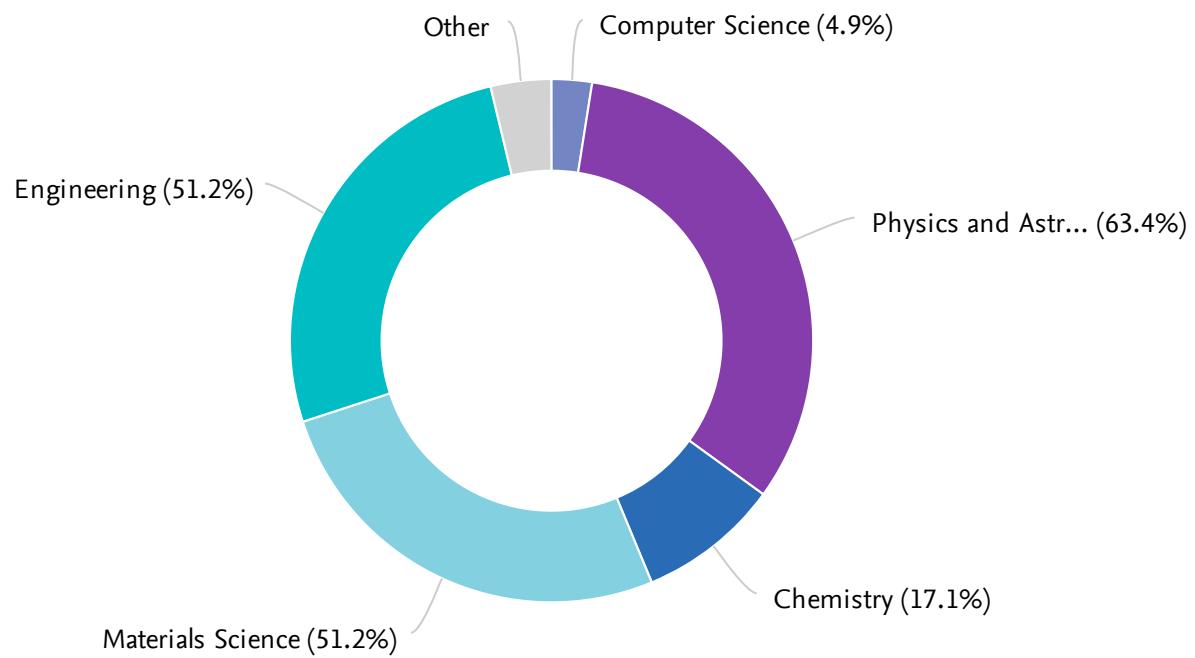


9.7

average number of citations per publication of Ocaya, Richard Opio

Publication share by Subject Area

Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023



Topics

Entity: Ocaya, Richard Opio · Year range: 2013 to 2022 · Data source: Scopus, up to 08 Nov 2023

Topic	By this Researcher		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Schottky Diodes; Thermionic Emission; Electrical Properties T.2329	14	1.14	96.693
Iodides; Thin Films; Layered Semiconductors T.20603	3	0.30	72.559
Auger Electron Spectroscopy; Atom; Newtonian Mechanics T.38586	3	0.10	51.642
Perovskite Solar Cells; Solar Cell; Formamidine T.20	2	0.72	99.998
Zinc Oxide; Wurtzite; Optical Band Gaps T.95115	2	0.17	1.147
Semiconductor; Field Emission; Nanotubes T.54	1	2.24	97.466
Manganese; Ferromagnetism; Zinc Oxide Nanoparticle T.594	1	0.34	96.676
Topological Insulators; Bismuth Selenide; Topology T.779	1	1.72	99.435
Indium Nitride; III-V Semiconductors; Molecular Beam Epitaxy T.2217	1	0.27	84.183
Masking; Differential Power Analysis; Block Ciphers T.2792	1	0.00	95.863