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1. KCI 홈페이지 로그인 (회원 미가입시 개인회원 가입)
2. 통합검색 부분에서 논문 제목 검색

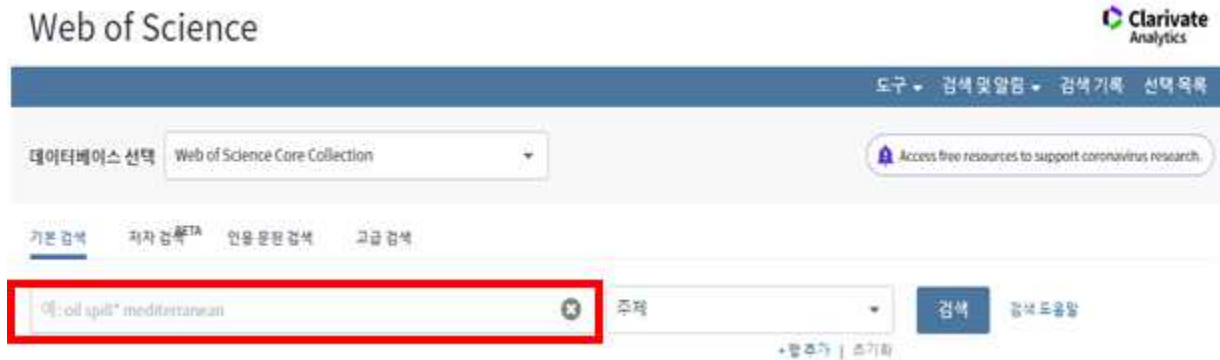


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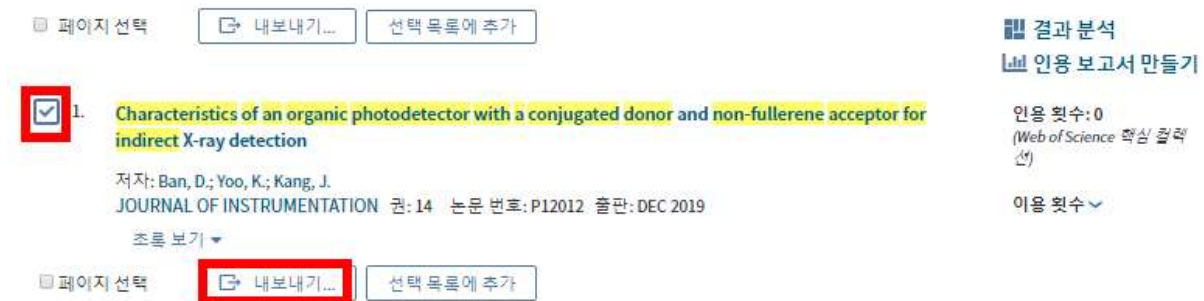


4. '현재 페이지 인쇄' 선택 후 PDF 파일로 저장

2. SCI급 또는 국제저명학술지 [해당사이트 : <https://apps.webofknowledge.com>]



1. 해당페이지에서 논문제목 검색



2. 해당 논문 확인 후 체크 - 내보내기 - 인쇄 클릭



3. 레코드 콘텐츠를 '상세 정보'로 설정하여 인쇄



레코드 1/1

제목: Characteristics of an organic photodetector with a conjugated donor and non-fullerene acceptor for indirect X-ray detection

저자: Ban, D (Ban, D.); Yoo, K (Yoo, K.); Kang, J (Kang, J.)

학술지명: JOURNAL OF INSTRUMENTATION 권: 14 논문 번호: P12012 DOI: 10.1088/1748-0221/14/12/P12012 출판: DEC 2019

Web of Science 핵심 컬렉션에서 인용된 횟수: 0

전체 인용 횟수: 0

이용 횟수 (최근 180일): 3

이용 횟수 (2013년부터): 3

인용 문헌 수: 13

注释: In this study, an organic photodetector with a small band-gap donor, PBDB-T, and a non-fullerene acceptor, ITIC, was investigated as the active element in an indirect imaging system using a scintillator of the detector for indirect X-ray imaging. Compared with the common organic photodetector with a P3HIT:PC70BM active layer, higher conversion efficiencies can be expected, because the proposed detector is advantageous for visible-light absorption and carrier transport. The absorption peak of the PBDB-T:ITIC layer was located at 640 nm and was not well-matched with the emission properties of a CsI(Tl) scintillator. Therefore, a ZnSe(Te) scintillator with an emission peak at 620 nm was also tested. Compared with the P3HIT:PC70BM detector, the ZnSe(Te)-coupled detector with the PBDB-T:ITIC = 1:1 active layer was 191% higher in collected current density (CCD) and 205% higher in sensitivity. The frequency response was measured with a 520 nm green LED. The detector with the PBDB-T:ITIC layer showed the -3 dB cut-off frequency of 31.5 kHz, which was higher than the cut-off frequency of the P3HIT:PC70BM detector.

식별 번호: WOS:000510149300012

언어: English

문서 유형: Article

저자 키워드: Materials for solid-state detectors; X-ray detectors; Photon detectors for UV, visible and IR photons (solid-state) (PIN diodes, APDs, Si-PMTs, G-APDs; CCDs, EBCCDs, EMCCDs, CMOS imagers, etc)

KeyWords Plus: SOLAR-CELLS; EFFICIENCY

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날짜 출력: 2020-03-20

4. 출판일 등 확인 후 인쇄 선택 후 PDF 파일로 저장

3. SCOPUS 논문 [해당사이트 : <https://www.scopus.com>]



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1	Examining intention of digital piracy: an integration of social norms and ethical ideologies	Park, N., Kang, N., Oh, H.S.	2018	Journal of Information, Communication and Ethics in Society 16(2), pp. 157-172	2

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3. 'citation information' 과 'bibliographical information' 선택 후 인쇄 클릭



Documents

Park, N.^a, Kang, N.^b, Oh, H.S.^c

Examining intention of digital piracy: an integration of social norms and ethical ideologies
(2018) *Journal of Information, Communication and Ethics in Society*, 16 (2), pp. 157-172. Cited 2 times.

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Abstract

Purpose: This study aims to investigate the applicability of ethical ideologies reflected by two dimensions of moral idealism and relativism, together with social norms, to the context of digital piracy.
Design/methodology/approach: This study used data from a survey of college students and conducted a series of hierarchical regression analyses. **Findings:** This study found that digital piracy intention was dissimilar among four different ethical groups. Injunctive norm was a critical factor that affected internet users' intention of digital piracy, yet it was valid only for situationists and absolutists. For subjectivists and exceptionists, individual differences represented by ego-involvement and past experience of digital piracy played a more critical role than social norms in explaining digital piracy intention. **Originality/value:** This study is the first attempt to apply the dimensions of moral idealism and relativism to the context of digital piracy. Thus, it suggests that more tailored approaches are recommended to reduce digital piracy for internet users' varied ethical ideologies. © 2018, Emerald Publishing Limited.

Author Keywords

Digital piracy; Ego-involvement; Ethical ideologies; Past experience; Social norms

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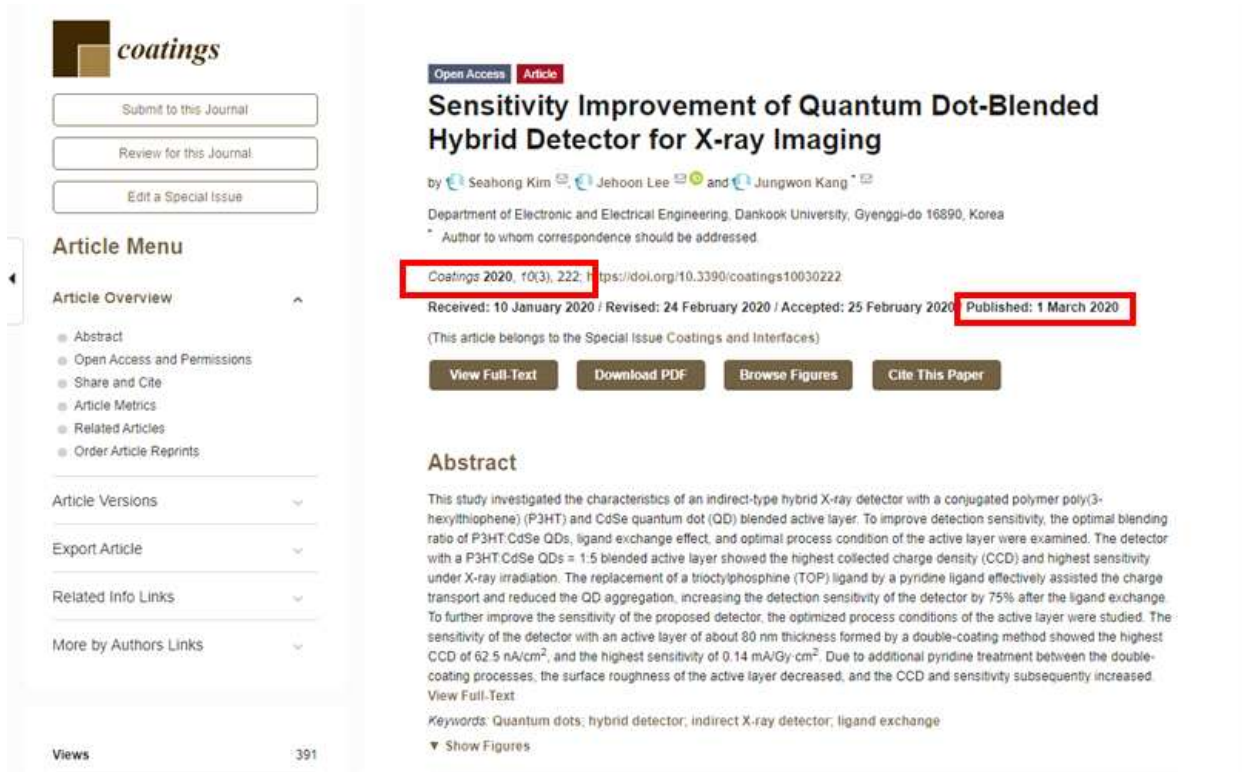
Publication Stage: Final

Source: Scopus

4. 문서유형 등이 확인가능 한 해당 페이지 인쇄 선택 후 PDF 파일로 저장

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2. doi 페이지에서 발행년월, 권호, 페이지, 초록 등이 포함되도록 화면 캡처

※ 권·호·페이지가 확인되지 않은 DOI, (Online) Accepted, Available online, In press, On press, Epub ahead of print, 게재예정증명서 등 불인정

5. 한국연구재단 인정 국제 우수학술대회 논문

가. 학술대회명, 발표기간, 장소가 명시된 증빙자료를 논문과 함께 제출

나. 학술대회 논문집에 발행된 경우 해당 논문집의 표지, 목차 스캔

6. 유의사항

가. 연구실적물 세부정보 페이지에서 저자 역할이 확인되지 않는 경우(공동 제1저자, 공동 교신저자)에는 저자의 역할이 표기된 논문 페이지 발췌하여 추가 제출

나. 본교 이력서에 기재한 연구실적에 한하여 연구실적물 세부정보를 PDF 파일로 정리하고, 이력서 기재 순서대로 정렬 후 하나의 PDF 파일로 병합하여 제출